

ANNAI VAILANKANNI ARTS AND SCIENCE COLLEGE, THANJAVUR

PG & RESEARCH DEPARTMENT OF COMPUTER SCIENCE

ANNUAL REPORT FOR THE YEAR 2017-2018

DEPARTMENT ACTIVITIES:

➤ **ASSOCIATION ACTIVITIES:**

- The Inauguration of the Association Meeting was held on 03.08.2017. A special Lecture was given by **Dr. V. SEKAR**, Associate Professor of Computer Science, SASTRA UNIVERSITY, Thanjavur, on “**VIRTUAL TECH '17**”.



The Valediction was held on 22.02.2018. A special Lecture was given by Mr. K. **Sethuraman**, Team Leader in Larsen Toubro InfoTech Limited, Chennai, on “**VMWARE**”. In this meeting we released our department album and also we distributed the certificates to students who won prizes in various department level competitions.



➤ **STAFF ACHIEVEMENTS:**

- **Dr. L. ARUNA** participated in the “**International Workshop on the World Class Curriculum Design for Computer Science with Research Aspects**” organized by the Department of Computer Science and Engineering and Curriculum Development Cell , Bharathidhasan University, Trichy, on 15.11.2017.
- **Dr. L. ARUNA** presented a paper titled “**Integrated Business and Management through Cloud Computing**” in the International Conference on Integrated Business Management (IBM), at Annai Vailankanni Arts and Science college, Thanjavur on 16.02.2018. ISSN No : 0975 – 9999.
- **Dr. L. ARUNA** published a paper titled “**Effective Methodology for Enhancing Cloud Management in New Modern Enterprise**” in the *International Journal of Advanced Research in Computer Science and Software Engineering*, Volume 7, Issue 8, PP:133 -137, August 2017, ISSN No : 2277 – 128X. DOI: 10.23956/ijarcsse/V7I8/0118.
- **Dr. L. ARUNA** published a paper titled “**Cloud Computing Security Challenges and Risks**” in the *International Journal for Research in Applied Science and Engineering Technology (IJRASET)*, Volume 5, Issue XI, PP:1635 -1641, November 2017, ISSN No : 2321 – 9653.
- **Dr.L.ARUNA** published a paper titled “**Integrated Business and Management through Cloud computing**” in the *International Journal of Research Explore*, Volume 6, Issue 16, PP: 413-418, February 2018, ISSN No : 2250-1940.
- **Prof. R. SUGANYA** published a paper titled “**An Effective Link algorithm for Web Mining Based on Topic Sensitive**” in the *International Journal for Research in Applied Science & engineering Technology (IJRASET)*, Paper ID: IJRASET12846, Volume 6, Issue I, January 2018.

- **Prof. A. ARULMARY** participated in the “**Workshop on the World Class Curriculum Design for Computer Science with Research Aspects**” organized by the Department of Computer Science and Engineering and Curriculum Development Cell , Bharathidhasan University, Trichy, on 28.07.2017.
- **Prof. A. ARULMARY** published and presented a paper titled “**A Survey On Disaster Recovery in Cloud Environment**” in the Institute of Electrical and Electronics Engineers (**IEEE XPLORE**), St.Joseph College, Trichirappalli on 19.10.2017.
- **Prof. A. ARULMARY** published a paper titled “**A Comparative Analysis of Seed Block Algorithm with Multi Objective Optimization Model in Cloud Environment**” in the *International Journal of Pure and Applied Mathematics*, Volume 116, No:2, ISSN:1311-8080 on 27.11.2017.
- **Prof. A. ARULMARY** participated in the One Day National Level Workshop on “**BIG DATA ANALYTICS IN ‘R’ TOOL**” organized by MADURAI KAMARAJ UNIVERSITY, MADURAI, on 19.01.2018.
- **Prof. G. SILAMBARASAN** published a paper titled “Analysis of Web Page Links and Web Content Similarity using HITS Algorithm”, in the *International Journal of Emerging Science and Engineering (IJESE)*.
- **Prof. G. SILAMBARASAN** published a paper titled “Web Content Mining Tools, Techniques and Concepts” in the *International Journal of Engineering Science and Computing (IJESC)*.
- **Prof. G. SILAMBARASAN** published a paper titled “Analysis of Diabetic Patient Data Using Data Mining Clustering Techniques ” in the *International Journal of Advanced Research in Computer and communication Engineering (IJARCCE)*.
- **Prof. T. PRAVEEN RAJA** participated in the One Day National Level Workshop on “**BIG DATA ANALYTICS IN ‘R’ TOOL**” organized by MADURAI KAMARAJ UNIVERSITY, MADURAI, on 19th January 2018.

- Our department staff **T.Praveen Raja** was handling **Hardware Course** in odd semester and **Web Designing Course** in even semester in this academic year.
- Our department staff has given 100% result in PG & UG for this November 2017 university exam are as follows

100% RESULT BY OUR COMPUTER SCIENCE DEPARTMENT STAFF IN PG

STAFF NAME	SUBJECT	CLASS
Dr.G.Preethi	•Data Mining and Ware housing •Data Mining Lab	II-M.Sc(CS)
Prof.G.Vijay	•Compiler Design	II-M.Sc(CS)
Prof.A.Arulmary	•Data Mining Lab	II-M.Sc(CS)
Prof.M.ChitraDevi	•Parallel Processing	II-M.Sc(CS)
Prof.T.PraveenRaja	•Web Technologies Lab •Web Technologies	I-M.Sc(CS)

100% RESULT BY OUR COMPUTER SCIENCE DEPARTMENT STAFF IN UG

STAFF NAME	SUBJECT	CLASS
Dr.L.Aruna	•Operating System •Operating System Lab	III-B.Sc(CS)
Prof.M.ChitraDevi	•Data Structure & Algorithm	III-B.Sc(CS)
Prof.G.Vijay	•Page Maker •Corel Draw	III-B.Sc(CS)
Dr.G.Preethi	•Softskill Development	III-B.Sc(CS)
Prof.T.PraveenRaja	•DBMS Lab	III-B.Sc(CS)
Prof.G.Silambarsan	•Operating System Lab	III-B.Sc(CS)
Prof.S.Chitra	•Programming in JAVA lab	II-B.Sc(CS)
Prof.A.Arulmary	•Programming in C lab	I-B.Sc(CS)

➤ **STUDENTS' ACHIEVEMENTS:**

Our students have won several prizes in the intercollegiate competitions as follows:

- K.Manimaran and B.Jesvanth (I B.Sc(CS) and II M.Sc(CS)) won the 3rd prize in Multimedia, at Mass College ,Regunathapuram, on 18.08.2017
- A.Sharonish won the 1st prize in Speech Competition conducted by Thanjavur District Association on 15.8.2017
- R.Srihari (II B.Sc (CS)) won the 1st prize in Image Identifier and 2nd prize in Paper Presentation, at Auxilium College, Kumbakkonam on 24.08.2017.
- R.Monika (III B.Sc(CS)) won the 2nd in image identifier and 2nd prize in Debugging conducted by Auxilium Women college, on 24.08.2017.
- R.Kamaleswary (III B.Sc(CS)) won the 2nd prize in Debugging conducted by Auxilium Women college, on 24.08.2017.
- G.Abinaya (III B.Sc(CS)) won the 1st prize in Debugging conducted by Auxilium Women college, on 24.08.2017.
- K.Nandhini (III B.Sc(CS)) won the 3rd prize in Debugging conducted by Auxilium Women college, on 24.08.2017.
- A.Sharonish won the 1st prize in Speech Competition conducted by Veeramamunivar Muthutamil, Art & Literature association jointly organized the “Thai Mozhi Nal” on 15.8.2017.
- Our PG student **E. Renuga** has secured the **15th** Rank in the Bharathidasan University.

- Our department students 100% attendance, class topper and subject toppers are as follows

S.No	CLASS	100 % ATTENDANCE	OVER ALL PERCENTAGE	MAJOR TOPPER LIST
1	I B.Sc (CS)	1. J.R.PAVITHRA 2. L.RAJA SAMUVEL 3. L.RUBAN IMMANUEL	1. J.PUNITHA - 83 2. M.AFROSE – 82 3. K.EVLIN MARY DHINI - 81	1. J.PUNITHA - 77 2. K.EVLIN MARY DHINI - 77 3. J.R.PAVITHRA - 73
2	II B.Sc(CS)	M.MONISHA	1. A.ROSHINI – 84 2. M.MONISHA - 84 3. R.MANJU PARKAVI - 81	<u>C++ (II SEM)</u> 1. A.ROSHINI – 80 2. M.MONISHA – 76 3. V.SHANTHI RUBY – 73 <u>JAVA (III SEM)</u> 1. R.MANJU PARKAVI – 91 2. M.MONISHA – 90 3. A.ROSHINI – 89
3	III B.Sc(CS)	NIL	1. A.ANTONY SHAJAN – 85 2. A.PRADEEPA – 85 3. R.SARASWATHI – 82 4. M.JAI BHAVANI - 81	<u>ACTIVE SERVER PAGE (IV SEM)</u> 1. R. RAJALAKSHMI – 81 2. E. SATHYA – 78 3. M.JAI BHAVANI – 78 4. A. SEBASTIN GEROGGE- 76 <u>DATA STRUCTURE AND ALGORITHM (V SEM)</u> 1. T.DHIVYA BHARATHI -86 2. A.ANTONY SHAJAN – 80 3. M.ROJA – 77 4. R.SARASWATHI – 77 <u>OPERATING SYSTEM</u> 1. T.DHIVYA BHARATHI – 76 2. A.PRADEEPA – 74 3. G.ABINAYA – 72 4. R.SARASWATHI – 72

				<p><u>SOFTWARE ENGINEERING</u></p> <ol style="list-style-type: none"> A.ANTONY SHAJAN – 85 T.DHIVYA BHARATHI – 82 A.PRADEEPA -81
4.	I M.Sc(CS)	NIL	<ol style="list-style-type: none"> V.PAVITHRA – 80 R.NANDHINI – 79 M.PRIYADHARSHINI - 78 	<p><u>MATHEMATICAL FOUNDATION OF COMPUTER SCIENCE</u></p> <ol style="list-style-type: none"> M.PRIYADHARSHINI – 81 V.PAVITHRA – 76 R.NANDHINI – 74 <p><u>WEB TECHNOLOGY</u></p> <ol style="list-style-type: none"> R.ISWARYA – 77 R.NANDHINI – 76 V.PAVITHRA – 72 <p><u>DESIGN ANALYSIS AND ALGORITHM</u></p> <ol style="list-style-type: none"> R.NANDHINI – 74 N.ANANTHI – 74 V.PAVITHRA- 73 M.MUTHUKKUMARI – 72 <p><u>DISTRIBUTED OPERATING SYSTEM</u></p> <ol style="list-style-type: none"> R.NANDHINI – 83 V.PAVITHRA-82 M.PRIYADHARSHINI - 80
5	II M.Sc (CS)	NIL	<ol style="list-style-type: none"> T.BARANIKA – 84 R.ANITHA – 80 M.RAJESHWARI- 78 	<p><u>II SEM</u></p> <p><u>OOAD & UML</u></p> <ol style="list-style-type: none"> T.BARANIKA-75 R.ANITHA-70 M.RAJESHWARI-66

**DISTRIBUTED
TECHNOLOGIES**

1.M.RAJESHWARI-82

2. T.BARANIKA-81

3. R.ANITHA-77

**MOBILE
COMMUNICATION**

1.S.SOUNDHARYA-84

2. R.ANITHA-82

3. T.BARANIKA-81

**ARTIFICIAL
INTELLIGENCE**

1. T.BARANIKA-72

2. R.ANITHA-65

3.B.JESVANTH-64

4.N.MANIMEGALAI-64

5.U.PRAVEENA-64

III SEM

DATA MINING

1. T.BARANIKA-87

2. R.ANITHA-79

3. M.RAJESHWARI-77

4. S.SOUNDHARYA-77

COMPILER DESIGN

1. T.BARANIKA-83

2. M.RAJESHWARI-80

3.D.KALAIYARASAN-79

				<p>4.U.PRAVEENA-79</p> <p>PARALLEL PROCESSING</p> <p>1.T.BARANIKA-86</p> <p>2. R.ANITHA-79</p> <p>3. M.RAJESHWARI-72</p> <p>NETWORK SECURITY</p> <p>1. R.ANITHA-81</p> <p>2.T.BARANIKA-79</p> <p>3.S.SOUNDHARYA-77</p>
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➤ **PARENTS MEETING:**

- The First Parents Meeting for this academic year was held on 29-08-2017.
- The Second Parents Meeting was held on 12-02-2018.
- In this meeting the class in-charge discusses the University Results, Cycle Test Marks, discipline and Attendance percentage of the student with the parents.



➤ **DEPARTMENT ACTIVITY:**

- On 13.9.2017 we conducted the V-Care Program in Kathatipatti Village.



- On 20-12-2017 we conducted the Drawing Competition.



- On 9-1-2018 we conducted the Photoshop Designing Competition



- On 19-2-2018 we conducted the Ad-Zap competition



- On 20.1.2018 we conducted the Soft Skill Training to our students



- On 2.2.2018 we organized the Industrial Visit to **CHIPS SOFTWARE SYSTEMS**, at Cochin.



- After the IV the students had a sight-seeing trip in Cochin & Munnar



- We conducted Interview Training for the Advance Learners from 14.12.2017 to 23.12.2018 (10 days)



- On 26.12.2017 our students attended the TCS Campus Interview and one of our students was selected for placement in TCS.



➤ UNIVERSITY RESULT ANALYSIS FOR NOVEMBER 2017:

UG RESULT ANALYSIS FOR NOVEMBER 2017

CLASS: I-B.Sc (CS)

SUBJECT	PROFESSOR NAME	Appeared	Passed	Failed	PASS %
TAMIL	Prof. KALEESWARY	52	52	NIL	100%
ENGLISH	Prof. VENKATESH	52	51	01	98 %
PROGRAMMING IN C	Prof. A.ARUL MARY	52	44	06	88 %
ALGEBRA & CALCULUS	Prof. Mr. RAJESH	52	37	12	76 %
VALUED EDUCATION	Prof.S.CHITRA	52	52	NIL	100 %
PROGRAMMING IN C LAB	Prof.A.ARUL MARY	52	52	NIL	100%

CLASS: II-B.Sc(CS):

SUBJECT	PROFESSOR NAME	Appeared	Passed	Failed	PASS %
TAMIL	Dr.J.Jesi	50	50	NIL	100%
ENGLISH	Prof. Kiruthika	50	49	01	98%
JAVA PROGRAMMING	Prof. S.Chitra	50	47	03	94%
JAVA PROGRAMMING LAB	Prof. S.Chitra	50	50	NIL	100%
APPLIED PHYSICS-I	Prof. V.Suresh	50	43	07	86%
NME	Dr.N.Indra	50	49	01	98%

CLASS: III-B.Sc(CS):

SUBJECT	PROFESSOR NAME	Appeared	Passed	Failed	PASS %
DATA STRUCTURE & ALGORITHM	Prof M.CHITHRA DEVI	48	48	NIL	100%
DATABASE SYSTEM	Prof. T.PRAVEEN RAJA	48	43	05	90%
OPERATING SYSTEM	DR.L.ARUNA	48	48	NIL	100%
SOFTWARE ENGINEERING	Prof. S.CHITRA	48	44	04	92%
SOFT SKILL DEVELOPMENT	Prof. G.VIJAY	48	48	NIL	100%
MYSQL LAB	Prof. T.PRAVEEN RAJA	47	47	NIL	100%
OS LAB	DR.L.ARUNA & Prof. G.SILAMBARSAN	47	47	NIL	100%
CORELDRAW	Prof. G.VIJAY	48	48	NIL	100%
DREAMWEAVER	Prof. G.PREETHI	48	48	NIL	100%

PG RESULT ANALYSIS FOR NOVEMBER 2017

CLASS: I-M.Sc(CS)

SUBJECT	PROFESSOR NAME	APPEAR ED	PASS ED	FAILE D	PASS %
MATHEMATICAL FOUNDATION FOR COMPUTER SCIENCE	PROF.CAROLIN (DEPT. OF MATHEMATICS)	27	25	2	93%
WEB TECHNOLOGIES	PROF.T.PRAVEENRAJA	27	27	0	100%
DESIGN AND ANALYSIS OF ALGORITHMS	PROF.G.SILAMBARAS AN	27	24	3	89%
DISTRIBUTED OPERATING SYSTEM	PROF.A.ARULMARY	27	22	2	93%
WEB TECHNOLOGIES LAB	PROF.T.PRAVEENRAJA	27	27	0	100%

CLASS: II-M.Sc(CS)

SUBJECT	PROFESSOR NAME	APPEARED	PASSED	FAILED	PASS %
Data Mining and Ware housing	DR.G.PREETHI	17	16	NIL	100%
Compiler Design	PROF.G.VIJAY	17	16	NIL	100%
Data Mining Lab	DR.G.PREETHI PROF.A.ARULMARY	17	16	NIL	100%
Parallel Processing	PROF.M.CHITRADEVI	17	16	NIL	100%
Network Security	DR.L.ARUNA	17	15	01	94%

The Overall Result Percentage for the year November 2017 class wise

UG CLASS WISE PERCENTAGE

- I B.Sc (CS) => 76%
- II B.Sc (CS) => 80%
- III B.Sc (CS) => 98%

The Overall Result Percentage of UG for the year November 2017 is 85%

PG CLASS WISE PERCENTAGE

- I M.Sc(CS) => 81%
- II M.Sc(CS) => 93%

The Overall Result Percentage of PG for the year November 2017 is 87%

*The Overall Result Percentage of our Computer Science Department for
November 2017 is 86%*